

FIG. 1

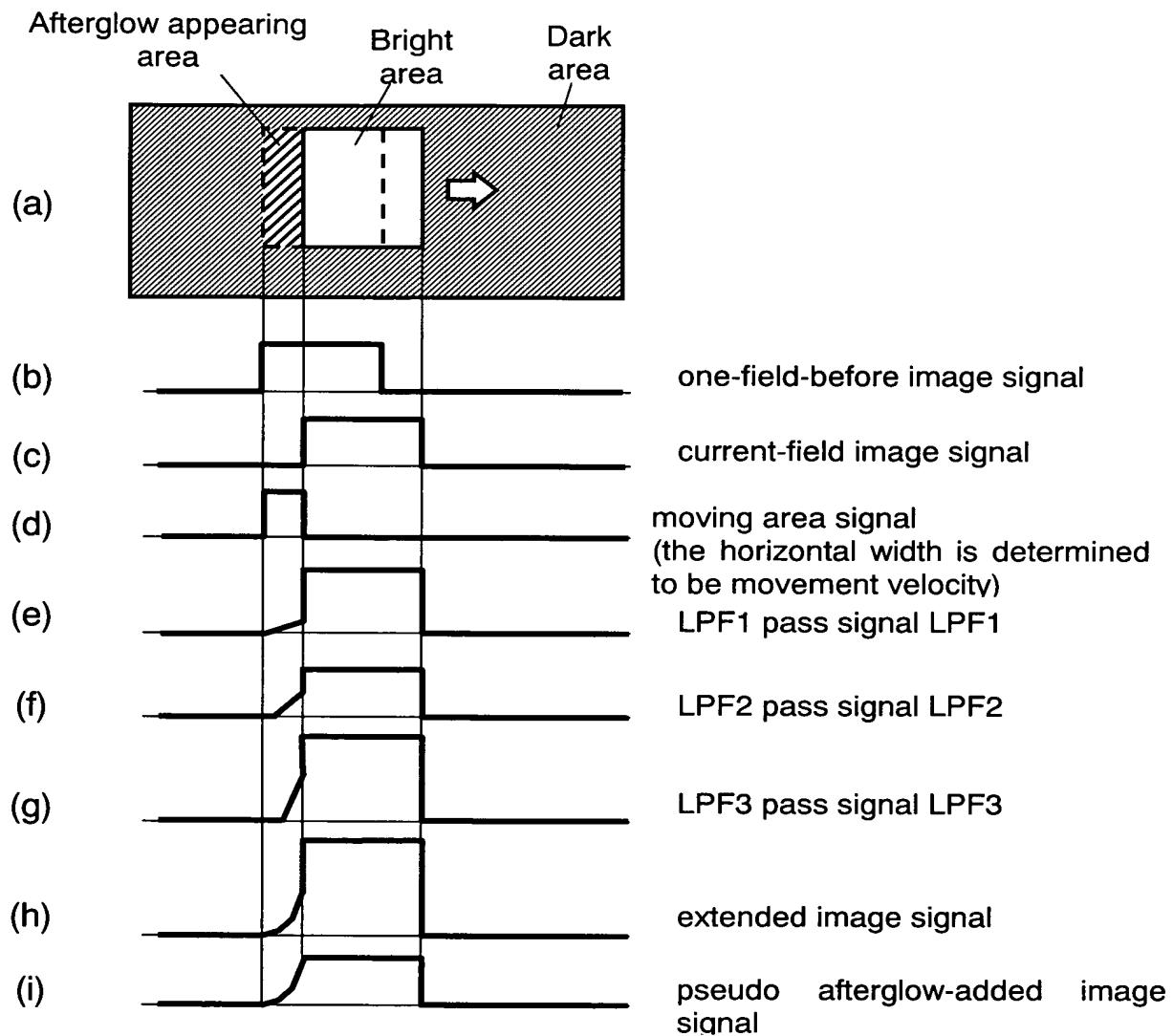


FIG. 2

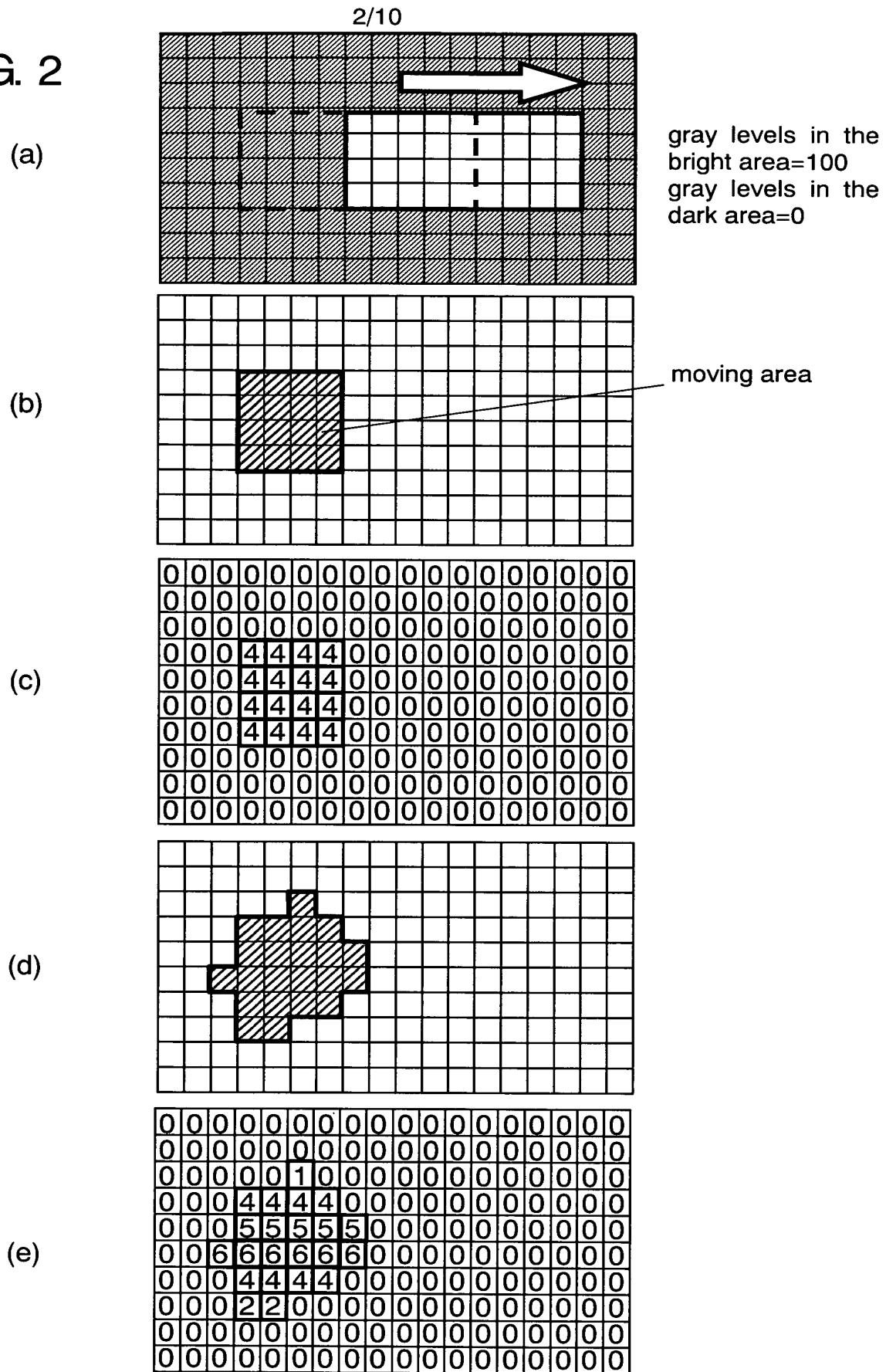
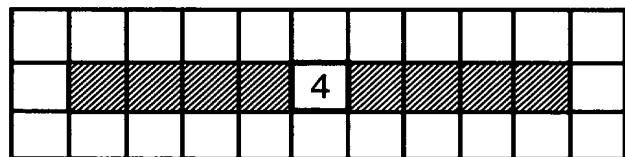


FIG. 3

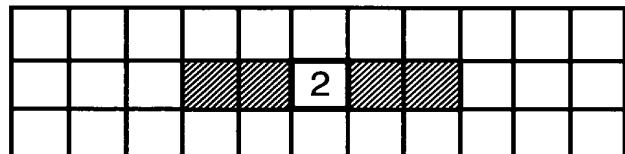
movement velocity	tap values
0	0
1	1
2,3,4	4
5,6,7	8
8 ~	16

FIG. 4

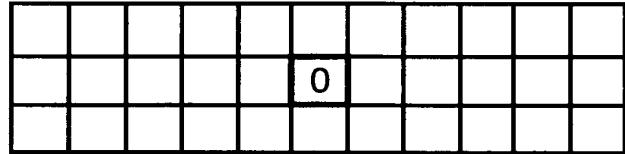
(a)



(b)



(c)



**FIG. 5**

(a) image signal

0	0	0	0	0	0	0	100	100	100	100	100
0	0	0	0	0	0	0	100	100	100	100	100
0	0	0	0	0	0	0	100	100	100	100	100
0	0	0	0	0	0	0	100	100	100	100	100

(b) tap value

0	0	0	4	4	4	4	0	0	0	0	0
0	0	0	4	4	4	4	0	0	0	0	0
0	0	0	4	4	4	4	0	0	0	0	0
0	0	0	4	4	4	4	0	0	0	0	0

(c) LPF1

tap value x 1	0	0	0	6	12	18	25	50	50	50	50
current-field	0	0	0	6	12	18	25	50	50	50	50
image signal x 0.5	0	0	0	6	12	18	25	50	50	50	50
	0	0	0	6	12	18	25	50	50	50	50

(d) LPF2

tap value x 0.5	0	0	0	0	0	25	50	100	100	100	100
current-field	0	0	0	0	0	25	50	100	100	100	100
image signal x 1	0	0	0	0	0	25	50	100	100	100	100
	0	0	0	0	0	25	50	100	100	100	100

(e) LPF3

tap value x 0.25	0	0	0	0	0	0	100	200	200	200	200
current-field	0	0	0	0	0	0	100	200	200	200	200
image signal x 2	0	0	0	0	0	0	100	200	200	200	200
	0	0	0	0	0	0	100	200	200	200	200

(f) extended image signal

0	0	0	6	12	25	100	200	200	200	200	200
0	0	0	6	12	25	100	200	200	200	200	200
0	0	0	6	12	25	100	200	200	200	200	200
0	0	0	6	12	25	100	200	200	200	200	200

FIG. 6

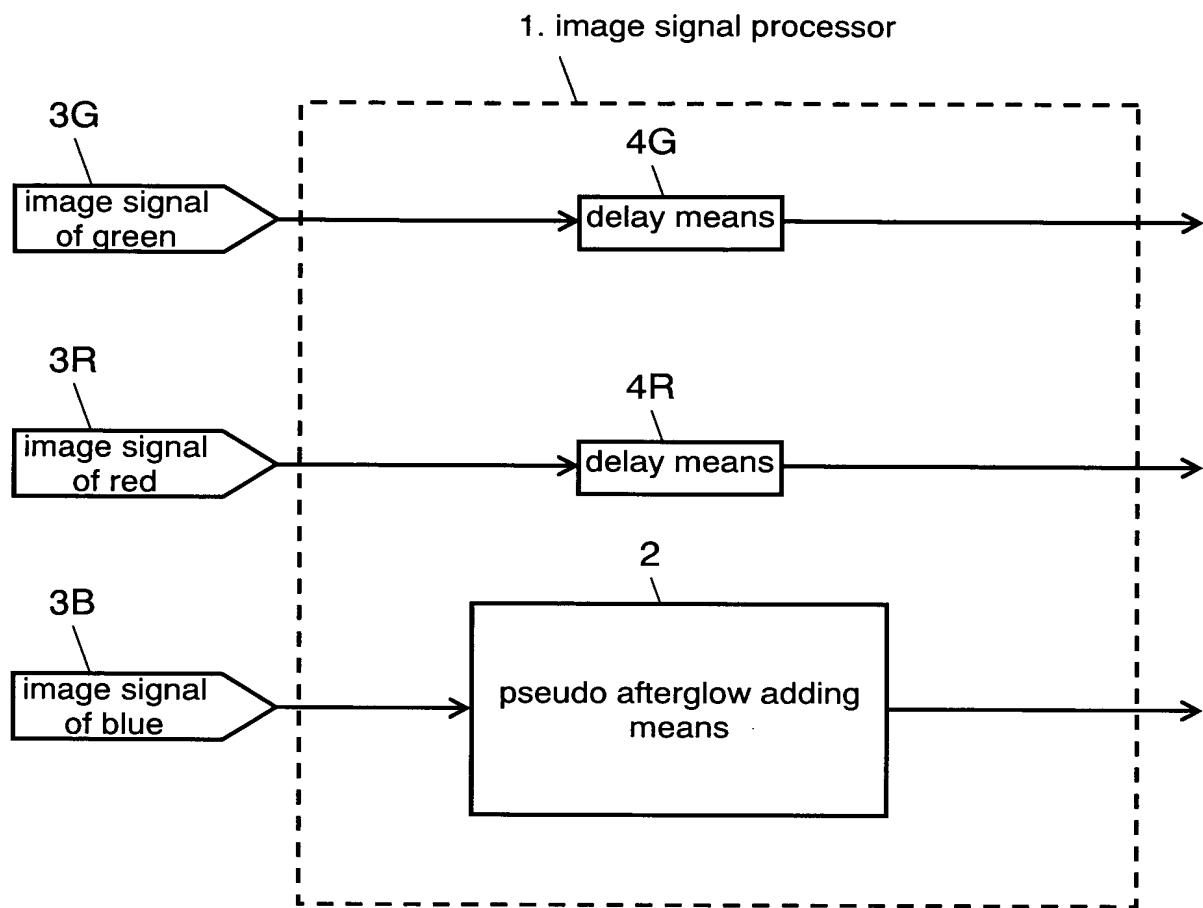


FIG. 7

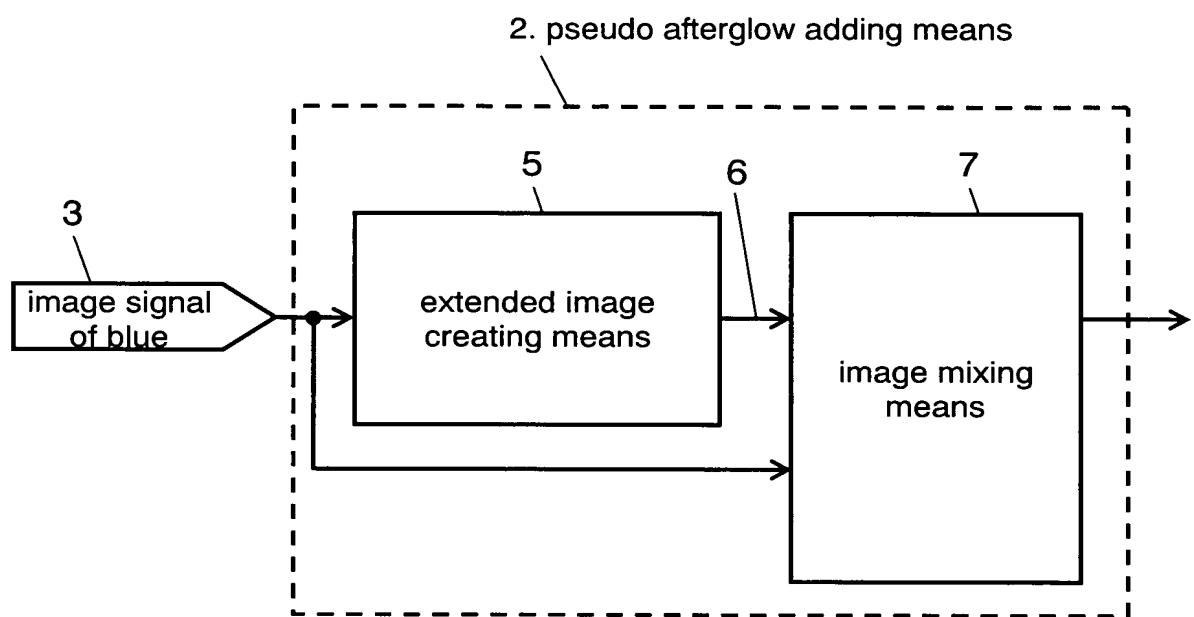


FIG. 8

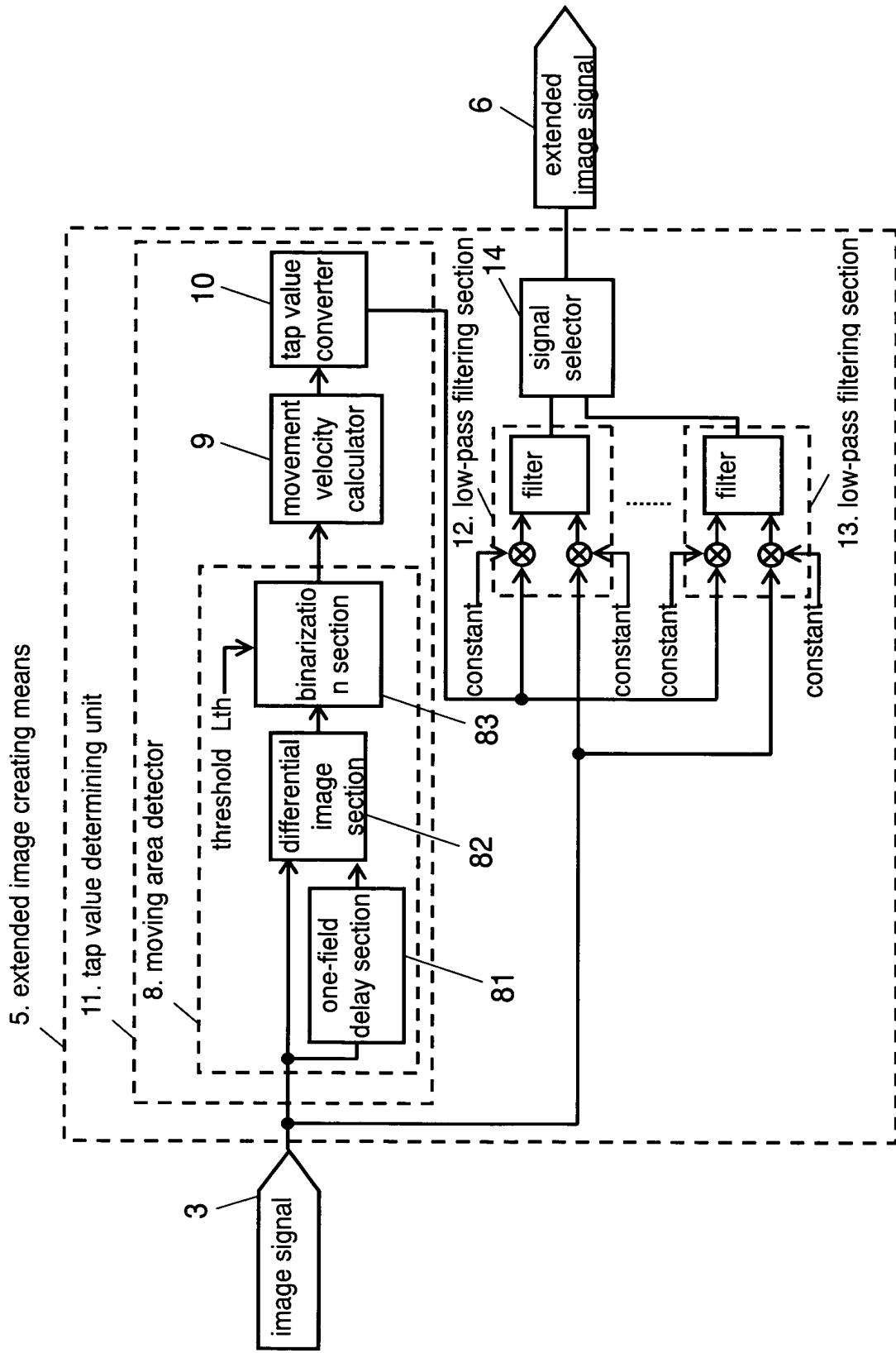
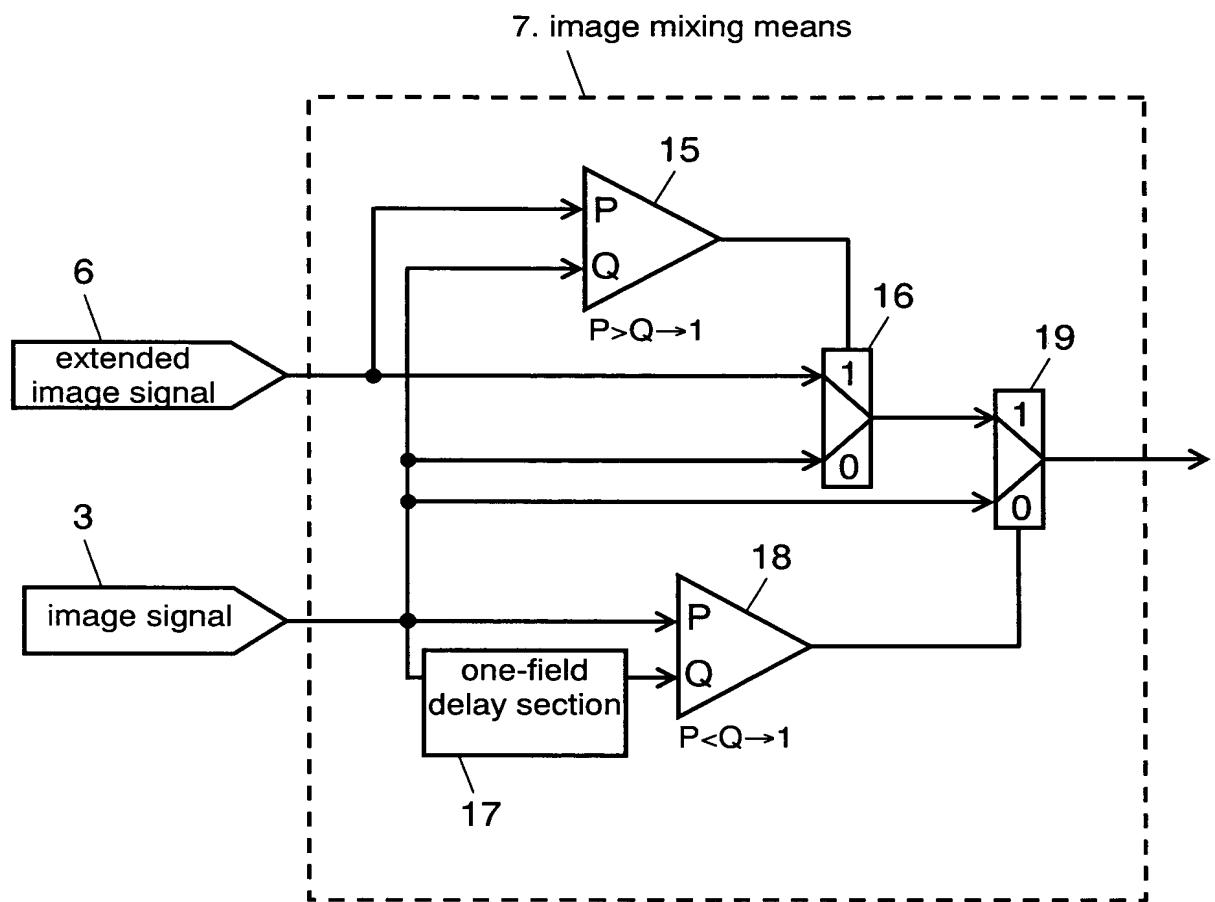
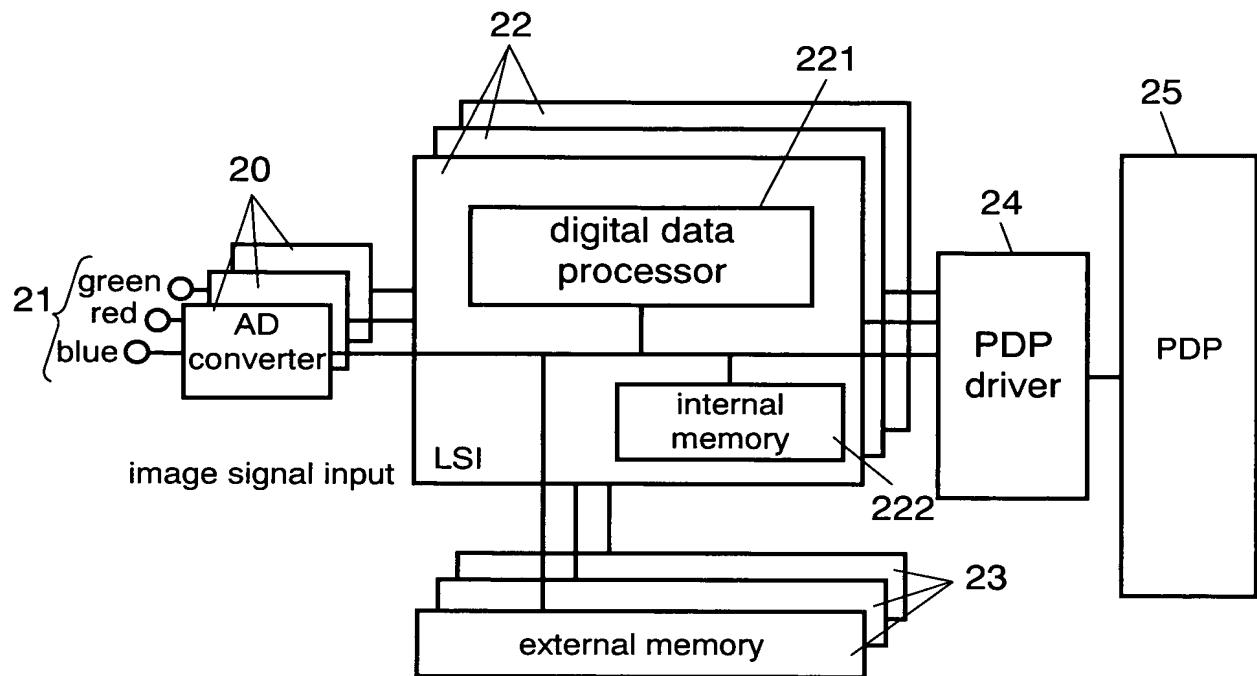


FIG. 9



9/10

FIG. 10



## [Reference marks in the drawings]

- 1: image signal processor
- 2: pseudo afterglow adding means
- 3, 3G, 3R, 3B: image signal
- 4G, 4R: delay means
- 5: extended image creating means
- 6: extended image signal
- 7: image mixing means
- 8: moving area detector
- 9: movement velocity calculator
- 10: tap value converter
- 11: tap value determining unit
- 12, 13: low-pass filtering section
- 14: signal selector
- 81: one-field delay section
- 82: differential image section
- 83: binarization section